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DATE: November 14, 2005

PTO IDENTIFIER: Application Number 10/723,624-Conf. #1146

Patent Number

Inventor: Charles J. Koehler et al.

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FROM: RADER, FISHMAN &amp; GRAUER PLLC

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Attorney Dkt. #: 65858-0029

PAGES (Including Cover Sheet): 19CONTENTS: Amendment After Final Action (37 C.F.R. Section 1.116) (17 pages)  
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PTO/SB/97 (09-04)

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Application No. (if known): 10/723,624

Attorney Docket No.: 65858-0029

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Amendment After Final Action (37 C.F.R. Section 1.116) (17 pages)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Charles J. Koehler et al.

Application No.: 10/723,624

Confirmation No.: 1146

Filed: November 26, 2003

Art Unit: 2857

For: FLUID CONDITION MONITORING USING  
BROAD SPECTRUM IMPEDANCE  
SPECTROSCOPY

Examiner: M. L. Barbee

**AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Final Office Action dated September 26, 2005 ("Final Office Action"), finally rejecting claims 1-120, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.